

**DS-7708NXI-K4(D)(标配)/Alarm16+9**  
**8-ch 1.5U K Series AcuSense 4K NVR**



- Up to 8-ch IP camera inputs
- H.265+/H.265/H.264+/H.264 video formats
- Up to 2-ch@12 MP or 3-ch@8 MP or 6-ch@4 MP or 12-ch@1080p decoding capacity
- Up to 80 Mbps incoming bandwidth

## ▪ Function

### Smart Function

- All channels support Motion Detection 2.0

- 2-ch video analysis for human and vehicle recognition to reduce false alarm

- 1-ch facial detection and analytics for video stream, or 4-ch face Picture Comparison

- Smart search for the selected area in the video, and smart playback to improve the playback efficiency

### Professional and Reliability

- H.265+ compression effectively reduces the storage space by up to 75%

- Adopt stream over TLS encryption technology which provides more secure stream transmission service

### HD Video Output

- Provide independent HDMI and VGA outputs

- HDMI video output at up to 4K resolution

### Storage and Playback

- Up to 4 SATA interfaces for HDD connection (up to 16 TB capacity per HDD)

- 8-ch synchronous playback

### Network & Ethernet Access

- 2 self-adaptive 10/100/1000 Mbps Ethernet interfaces

- Hik-Connect for easy network management

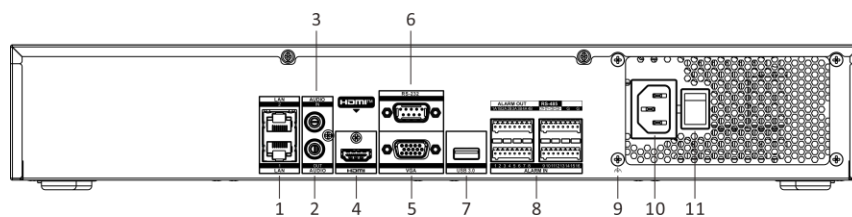
## ▪ Specification

| Intelligent Analytics                      |                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AI by Device                               | Facial recognition, perimeter protection, motion detection 2.0                                                                                                                                                                                                                                                                                                                                                         |
| AI by Camera                               | Facial recognition, perimeter protection, throwing objects from building, motion detection 2.0, ANPR, VCA                                                                                                                                                                                                                                                                                                              |
| Facial Recognition                         |                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Facial Detection and Analytics             | Face picture comparison, human face capture, face picture search                                                                                                                                                                                                                                                                                                                                                       |
| Face Picture Library                       | Up to 16 face picture libraries, with up to 20,000 face pictures in total (each picture ≤ 4 MB, total capacity ≤ 1 GB)                                                                                                                                                                                                                                                                                                 |
| Facial Detection and Analytics Performance | 1-ch, 8 MP                                                                                                                                                                                                                                                                                                                                                                                                             |
| Face Picture Comparison                    | 4-ch                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Motion Detection 2.0                       |                                                                                                                                                                                                                                                                                                                                                                                                                        |
| By Camera                                  | All channels                                                                                                                                                                                                                                                                                                                                                                                                           |
| Perimeter Protection                       |                                                                                                                                                                                                                                                                                                                                                                                                                        |
| By Device                                  | 2-ch, 4 MP (HD network camera, H.264/H.265) video analysis for human and vehicle recognition to reduce false alarm                                                                                                                                                                                                                                                                                                     |
| By Camera                                  | All channels                                                                                                                                                                                                                                                                                                                                                                                                           |
| Video and Audio                            |                                                                                                                                                                                                                                                                                                                                                                                                                        |
| IP Video Input                             | 8-ch                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Incoming Bandwidth                         | 80 Mbps                                                                                                                                                                                                                                                                                                                                                                                                                |
| Outgoing Bandwidth                         | 160 Mbps                                                                                                                                                                                                                                                                                                                                                                                                               |
| HDMI Output                                | 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz                                                                                                                                                                                                                                                                             |
| VGA Output                                 | 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz                                                                                                                                                                                                                                                                                                                                                              |
| Video Output Mode                          | HDMI/VGA independent output                                                                                                                                                                                                                                                                                                                                                                                            |
| CVBS Output                                | N/A                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Audio Output                               | 1-ch, RCA (Linear, 1 KΩ)                                                                                                                                                                                                                                                                                                                                                                                               |
| Two-Way Audio                              | 1-ch, RCA (2.0 Vp-p, 1 KΩ, using the audio input)                                                                                                                                                                                                                                                                                                                                                                      |
| Decoding                                   |                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Decoding Format                            | H.265/H.265+/H.264+/H.264                                                                                                                                                                                                                                                                                                                                                                                              |
| Recording Resolution                       | 12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF                                                                                                                                                                                                                                                                                                                                             |
| Synchronous playback                       | 8-ch                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Decoding Capability                        | AI on: 2-ch@12 MP (30 fps)/3-ch@8 MP (30 fps)/6-ch@4 MP (30 fps)/12-ch@1080p (30 fps)<br>AI off: 2-ch@12 MP (30 fps)/4-ch@8 MP (30 fps)/8-ch@4 MP (30 fps)/16-ch@1080p (30 fps)<br>Smooth Playback (HC) ON & AI ON: 1-ch@12 MP (30 fps)/2-ch@8 MP (30 fps)/5-ch@4 MP (30 fps)/11-ch@1080p (30 fps)<br>Smooth Playback (HC) ON & AI OFF: 2-ch@12 MP (30 fps)/3-ch@8 MP (30 fps)/7-ch@4 MP (30 fps)/15-ch@1080p (30 fps) |
| Stream Type                                | Video, Video & Audio                                                                                                                                                                                                                                                                                                                                                                                                   |
| Audio Compression                          | G.711ulaw/G.711alaw/G.722/G.726/AAC                                                                                                                                                                                                                                                                                                                                                                                    |

| Network                |                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Remote Connection      | 128                                                                                                                                                                                                                                                                                                                                                                                          |
| API                    | ONVIF (profileS/G); SDK; ISAPI                                                                                                                                                                                                                                                                                                                                                               |
| Compatible Browser     | IE11, Chrome V57, Firefox V52, Safari V12, Edge V89, or above version                                                                                                                                                                                                                                                                                                                        |
| Network Protocol       | TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS                                                                                                                                                                                                                                                                                       |
| Network Interface      | 2 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces                                                                                                                                                                                                                                                                                                                                   |
| Auxiliary Interface    |                                                                                                                                                                                                                                                                                                                                                                                              |
| SATA                   | 4 SATA interfaces                                                                                                                                                                                                                                                                                                                                                                            |
| Capacity               | Up to 16 TB capacity for each HDD                                                                                                                                                                                                                                                                                                                                                            |
| Serial Interface       | 2 RS-485 (half-duplex), 1 RS-232                                                                                                                                                                                                                                                                                                                                                             |
| Alarm In/Out           | 16/9                                                                                                                                                                                                                                                                                                                                                                                         |
| USB Interface          | Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0                                                                                                                                                                                                                                                                                                                                            |
| Ctrl 12V               | Ctrl 12V Controllable 12 VDC, 1 A power output for external alarm device; The power will be turned on when the alarm output is triggered. *: The Ctrl 12V power is controlled by alarm output 9.                                                                                                                                                                                             |
| DC 12V                 | DC 12V 12 VDC, 1 A power output                                                                                                                                                                                                                                                                                                                                                              |
| General                |                                                                                                                                                                                                                                                                                                                                                                                              |
| GUI Language           | English, Russian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Turkish, Japanese, Danish, Swedish Language, Norwegian, Finnish, Korean, Traditional Chinese, Thai, Estonian, Vietnamese, Croatian, Slovenian, Serbian, Latvian, Lithuanian, Uzbek, Kazakh, Arabic, Ukrainian, Kyrgyz, Brazilian Portuguese, Indonesian |
| Power Supply           | 100 to 240 VAC, 50 to 60Hz                                                                                                                                                                                                                                                                                                                                                                   |
| Consumption            | ≤ 20 W (without HDD)                                                                                                                                                                                                                                                                                                                                                                         |
| Working Temperature    | -10 °C to 55 °C (14 °F to 131 °F)                                                                                                                                                                                                                                                                                                                                                            |
| Working Humidity       | 10 to 90 %                                                                                                                                                                                                                                                                                                                                                                                   |
| Dimension (W × D × H)  | 440 × 391 × 75 mm ( 17.3" × 15.4" × 3.0")                                                                                                                                                                                                                                                                                                                                                    |
| Weight                 | ≤ 5 kg (without HDD, 11 lb.)                                                                                                                                                                                                                                                                                                                                                                 |
| Certification          |                                                                                                                                                                                                                                                                                                                                                                                              |
| CE                     | EN 55032: 2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4, EN 55035: 2017                                                                                                                                                                                                                                                                                                                       |
| Obtained Certification | CE, FCC, IC, CB, KC, UL, Rohs, Reach, WEEE, RCM, UKCA, LOA, BIS                                                                                                                                                                                                                                                                                                                              |

## ▪ Physical Interface

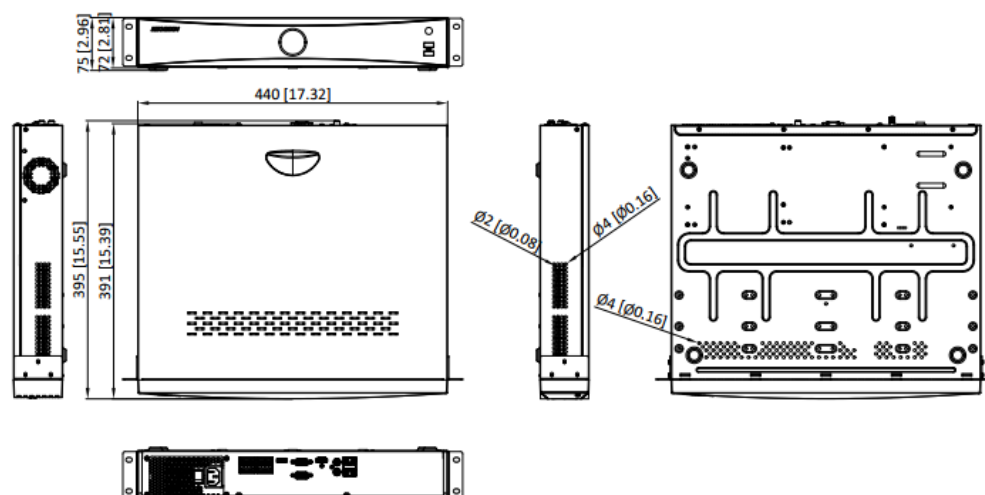
| No. | Description                | No. | Description                    |
|-----|----------------------------|-----|--------------------------------|
| 1   | LAN 1 and LAN 2 interfaces | 7   | USB 3.0 interface              |
| 2   | Audio in                   | 8   | Alarm in, alarm out and RS-485 |
| 3   | Audio out                  | 9   | GND                            |
| 4   | HDMI interface             | 10  | Power supply                   |
| 5   | VGA interface              | 11  | Power switch                   |
| 6   | RS-232 serial interface    |     |                                |



## ▪ Available Model

DS-7708NXI-K4(D)/Alarm16+9

## ▪ Dimension



Unit:mm [inch]

|       |     |
|-------|-----|
| SCALE | 1:1 |
|-------|-----|

# See Far, Go Further



[www.hikvision.com](http://www.hikvision.com)  
[support@hikvision.com](mailto:support@hikvision.com)

